

Alessandro Agnetis

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

77
papers

1,672
citations

19
h-index

40
g-index

77
ext. papers

1,893
ext. citations

3.2
avg, IF

4.72
L-index

#	Paper	IF	Citations
77	Scheduling Problems with Two Competing Agents. <i>Operations Research</i> , 2004 , 52, 229-242	2.3	340
76	. <i>IEEE Transactions on Smart Grid</i> , 2013 , 4, 2364-2373	10.7	155
75	Multi-agent single machine scheduling. <i>Annals of Operations Research</i> , 2007 , 150, 3-15	3.2	136
74	Multiagent Scheduling 2014 ,		102
73	Supply chain scheduling: Sequence coordination. <i>Discrete Applied Mathematics</i> , 2006 , 154, 2044-2063	1	82
72	A Lagrangian approach to single-machine scheduling problems with two competing agents. <i>Journal of Scheduling</i> , 2009 , 12, 401-415	1.6	78
71	Scheduling no-wait robotic cells with two and three machines. <i>European Journal of Operational Research</i> , 2000 , 123, 303-314	5.6	75
70	Coordination of production and interstage batch delivery with outsourced distribution. <i>European Journal of Operational Research</i> , 2014 , 238, 130-142	5.6	45
69	Long term evaluation of operating theater planning policies. <i>Operations Research for Health Care</i> , 2012 , 1, 95-104	1.8	45
68	A decomposition approach for the combined master surgical schedule and surgical case assignment problems. <i>Health Care Management Science</i> , 2014 , 17, 49-59	4	42
67	A job-shop problem with one additional resource type. <i>Journal of Scheduling</i> , 2011 , 14, 225-237	1.6	39
66	Part sequencing in three-machine no-wait robotic cells. <i>Operations Research Letters</i> , 2000 , 27, 185-192	1	36
65	Covering a line segment with variable radius discs. <i>Computers and Operations Research</i> , 2009 , 36, 1423-1436	4.36	31
64	Set-Up Coordination between Two Stages of a Supply Chain. <i>Annals of Operations Research</i> , 2001 , 107, 15-32	3.2	31
63	The Inspection Station Location Problem In Hazardous Material Transportation: Some Heuristics And Bounds. <i>Infor</i> , 1995 , 33, 100-113	0.5	24
62	Scheduling with job-rejection and position-dependent processing times on proportionate flowshops. <i>Optimization Letters</i> , 2017 , 11, 885-892	1.1	23
61	A job shop scheduling problem with human operators in handicraft production. <i>International Journal of Production Research</i> , 2014 , 52, 3820-3831	7.8	23

60	Toolbox for aggregator of flexible demand 2012 ,		23
59	Joint job/tool scheduling in a flexible manufacturing cell with no on-board tool magazine. <i>Computer Integrated Manufacturing Systems</i> , 1997 , 10, 61-68		19
58	. <i>IEEE Transactions on Automation Science and Engineering</i> , 1990 , 6, 697-705		18
57	Computing the Nash solution for scheduling bargaining problems. <i>International Journal of Operational Research</i> , 2009 , 6, 54	0.9	17
56	Sequencing unreliable jobs on parallel machines. <i>Journal of Scheduling</i> , 2009 , 12, 45-54	1.6	15
55	Appliance operation scheduling for electricity consumption optimization 2011 ,		15
54	Nash equilibria for the multi-agent project scheduling problem with controllable processing times. <i>Journal of Scheduling</i> , 2015 , 18, 15-27	1.6	14
53	Price of fairness in two-agent single-machine scheduling problems. <i>European Journal of Operational Research</i> , 2019 , 276, 79-87	5.6	13
52	Integrated production scheduling and batch delivery with fixed departure times and inventory holding costs. <i>International Journal of Production Research</i> , 2017 , 55, 6193-6206	7.8	13
51	Optimization models for consumer flexibility aggregation in smart grids: The ADDRESS approach 2011 ,		13
50	Specialized inspection problems in serial production systems. <i>European Journal of Operational Research</i> , 1995 , 80, 277-296	5.6	13
49	A linear algorithm for the Hamiltonian completion number of the line graph of a tree. <i>Information Processing Letters</i> , 2001 , 79, 17-24	0.8	12
48	Scheduling three chains on two parallel machines. <i>European Journal of Operational Research</i> , 2010 , 202, 669-674	5.6	11
47	Tool addition strategies for flexible manufacturing systems. <i>Flexible Services and Manufacturing Journal</i> , 1994 , 6, 287-310		11
46	Two faster algorithms for coordination of production and batch delivery: A note. <i>European Journal of Operational Research</i> , 2015 , 241, 927-930	5.6	10
45	Production and interplant batch delivery scheduling: Dominance and cooperation. <i>International Journal of Production Economics</i> , 2016 , 182, 38-49	9.3	10
44	Parallel dedicated machines scheduling with chain precedence constraints. <i>European Journal of Operational Research</i> , 2012 , 221, 296-305	5.6	10
43	Scheduling two agent task chains with a central selection mechanism. <i>Journal of Scheduling</i> , 2015 , 18, 243-261	1.6	10

42	. <i>IEEE Transactions on Automation Science and Engineering</i> , 1995 , 11, 1-20		10
41	Lot Scheduling in a Two-Machine Cell with Swapping Devices. <i>IIE Transactions</i> , 1996 , 28, 911-917		10
40	Concurrent operations assignment and sequencing for particular assembly problems in flow lines. <i>Annals of Operations Research</i> , 1997 , 69, 1-31	3.2	9
39	A heuristic approach to batching and scheduling a single machine to minimize setup costs. <i>Computers and Industrial Engineering</i> , 2004 , 46, 793-802	6.4	8
38	No-wait flow shop scheduling with large lot sizes. <i>Annals of Operations Research</i> , 1997 , 70, 415-438	3.2	7
37	Part Batching and Scheduling in a Flexible Cell to Minimize Setup Costs. <i>Journal of Scheduling</i> , 2003 , 6, 87-108	1.6	7
36	An asymptotically exact algorithm for the high-multiplicity bin packing problem. <i>Mathematical Programming</i> , 2005 , 104, 21-37	2.1	6
35	Polynomial Algorithms for a Two-Class Multiprocessor Scheduling Problem in Mobile Telecommunications Systems. <i>Journal of Scheduling</i> , 2005 , 8, 255-273	1.6	6
34	Tool handling and scheduling in a two-machine flexible manufacturing cell. <i>IIE Transactions</i> , 1996 , 28, 425-437		6
33	Single-Machine Scheduling Problems with Generalized Preemption. <i>INFORMS Journal on Computing</i> , 2009 , 21, 1-12	2.4	5
32	The list scheduling algorithm for scheduling unreliable jobs on two parallel machines. <i>Discrete Applied Mathematics</i> , 2014 , 165, 2-11	1	4
31	Optimal packet scheduling in UTRA-TDD. <i>IEEE Communications Letters</i> , 2003 , 7, 112-114	3.8	4
30	Price of anarchy and price of stability in multi-agent project scheduling. <i>Annals of Operations Research</i> , 2020 , 285, 97-119	3.2	4
29	Integrating lean thinking and mathematical optimization: A case study in appointment scheduling of hematological treatments. <i>Operations Research Perspectives</i> , 2019 , 6, 100110	2.1	3
28	Demand allocation with latency cost functions. <i>Mathematical Programming</i> , 2012 , 132, 277-294	2.1	3
27	Assessing the quality of heuristic solutions to parallel machines minmax scheduling problems. <i>International Journal of Production Economics</i> , 2009 , 122, 755-762	9.3	3
26	Process selection and sequencing in a two-agents production system. <i>4or</i> , 2003 , 1, 103	1.4	3
25	Some Results on Shop Scheduling with S-Precedence Constraints among Job Tasks. <i>Algorithms</i> , 2019 , 12, 250	1.8	3

24	Scheduling nonpreemptive jobs on parallel machines subject to exponential unrecoverable interruptions. <i>Computers and Operations Research</i> , 2017 , 79, 109-118	4.6	2
23	Autonomous agents architectures and algorithms in flexible manufacturing systems. <i>IIE Transactions</i> , 2000 , 32, 941-951		2
22	Planning the routing mix in FASs to minimize total transportation time. <i>Flexible Services and Manufacturing Journal</i> , 1996 , 8, 131-157		2
21	Complexity of flow time minimization in a crossdock truck scheduling problem with asymmetric handover relations. <i>Operations Research Letters</i> , 2022 , 50, 50-56	1	2
20	The Largest-Z-ratio-First algorithm is 0.8531-approximate for scheduling unreliable jobs on m parallel machines. <i>Operations Research Letters</i> , 2020 , 48, 405-409	1	2
19	Complexity results for an integrated single machine scheduling and outbound delivery problem with fixed sequence. <i>Journal of Scheduling</i> , 2017 , 20, 681-693	1.6	1
18	Finding a Nash equilibrium and an optimal sharing policy for multiagent network expansion game. <i>Networks</i> , 2017 , 69, 94-109	1.6	1
17	SOME NONSTANDARD FEATURES OF BARGAINING PROBLEMS. <i>International Game Theory Review</i> , 2013 , 15, 1340007	0.2	1
16	Call planning in European pharmaceutical sales force management. <i>IMA Journal of Management Mathematics</i> , 2010 , 21, 267-280	1.4	1
15	Optimal packet-to-slot assignment in mobile telecommunications. <i>Operations Research Letters</i> , 2009 , 37, 261-264	1	1
14	Partitioning of biweighted trees. <i>Naval Research Logistics</i> , 2002 , 49, 143-158	1.5	1
13	Locating platforms and scheduling a fleet of drones for emergency delivery of perishable items. <i>Computers and Industrial Engineering</i> , 2022 , 168, 108057	6.4	1
12	Parallel Machine Scheduling Problems 2014 , 189-215		0
11	Nash equilibrium solutions in multi-agent project scheduling with milestones. <i>European Journal of Operational Research</i> , 2021 , 294, 29-41	5.6	0
10	Integrated Production and Delivery with Inventory Holding Costs. <i>IFAC-PapersOnLine</i> , 2016 , 49, 910-915	0.7	
9	Multiagent Scheduling Fundamentals 2014 , 1-22		
8	Multiagent Scheduling Problems 2012 , 151-170		
7	Job Shop Scheduling With Two Jobs And Nonregular Objective Functions. <i>Infor</i> , 2001 , 39, 227-244	0.5	

- 6 Replication and sequencing of unreliable jobs on parallel machines. *Computers and Operations Research*, **2021**, 105634 4.6
- 5 Scheduling Problems with Variable Job Processing Times **2014**, 217-260
- 4 Problems, Algorithms and Complexity **2014**, 23-55
- 3 Single Machine Problems **2014**, 57-145
- 2 Batching Scheduling Problems **2014**, 147-187
- 1 Time-critical testing and search problems. *European Journal of Operational Research*, **2022**, 296, 440-452 5.6